



THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN E3 MCMASTER 09FEB2004	TE Connectivity	
DIMENSIONS: mm [INCHES]		CIK C ROHDE 09FEB04		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. WALMSLEY 09FEB04	NAME PLUG SUB-ASSY, ROUND CABLE, 36 SERIES, SDL	
0 PLC ± -		PRODUCT SPEC	108-2047	
1 PLC ± -		APPLICATION SPEC	114-2090	
2 PLC ± 0.25 [.010]		SIZE	A1	RESTRICTED TO
3 PLC ± -		WEIGHT	-	-
4 PLC ± -		CAGE CODE	00779	SCALE 4:1
ANGLES ± -		DRAWING NO	C=520532	SHEET 1 OF 2
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 4:1	REV Y5

1. PREFIX AND SUFFIX NUMBERS MUST MATCH THOSE ON RECEPTACLE FOR PARTS TO MATE.
- 2 MATERIAL:  
HOUSING- POLYCARBONATE  
CONTACT- COPPER ALLOY
- 3 FINISH:  
HOUSING- SMOKE GRAY  
CONTACT- 0.00127[.000050] MIN NICKEL OVER ENTIRE PART, 0.00002[.000001] GOLD FLASH OVER ENTIRE PART, 0.00127[.000050] MIN GOLD OVER CONTACT AREA.
4. FOR TERMINATION OF CABLE WHOSE INDIVIDUAL CONDUCTORS HAVE AN INSULATION OUTER DIAMETER OF 0.91[.036] NOMINAL (SEE APPLICATION SPEC.)
- 5 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520730-1.
- 6 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520731-1.
- 7 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520732-1.
- 8 CABLES SHOULD MEET AMP DRAWING SPECIFICATIONS 520733-1.
9. BULK CABLE IS NOT AVAILABLE FROM AMP INC.
10. FOR TERMINATION OF 26 OR 28 AWG, 7 STRANDED, ROUND CABLE WITH 0.89[.035] TO 0.96[.038] O.D. PVC CONDUCTOR INSULATION PER LISTED DRAWING SPECIFICATIONS.
11. TOP SHIELD, BOTTOM SHIELD, AND FERRULE TO BE PURCHASED SEPERATELY TO COMPLETE THE ASSEMBLY.
12. BOOT IS OPTIONAL.
- 13 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

13	OBSOLETE	520853-1	520464-1	520465-1	4.55-5.38 [.179-.212]	520436-1	5.69-6.20 [.224-.244]	520437-1	21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	Z	8	9-520532-3
	OBSOLETE								16.87 [.664]	8.74 [.344]	10.46 [.412]	9.35 [.368]	F	4	6-520532-1
		520854-1	520466-1	520467-1	5.82-6.91 [.229-.272]	520440-1	7.32-7.82 [.288-.308]	520441-1	32.11 [1.264]	23.88 [.940]	25.70 [1.012]	24.59 [.968]	E	16	5-520532-6
		520853-1	520464-1	520465-1	4.55-5.38 [.179-.212]	520436-1	5.69-6.20 [.224-.244]	520437-1	21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	E	8	5-520532-3
		520852-1	520462-1	520463-1	—	—	—	520435-1	19.41 [.764]	11.18 [.440]	13.00 [.512]	11.89 [.468]	E	6	5-520532-2
		520851-1	520460-1	520461-1	3.73-4.42 [.147-.174]	520432-1	4.72-5.08 [.186-.200]	520433-1	16.87 [.664]	8.74 [.344]	10.46 [.412]	9.35 [.368]	E	4	5-520532-1
	OBSOLETE								32.11 [1.264]	23.88 [.940]	25.70 [1.012]	24.59 [.968]	D	16	4-520532-6
	OBSOLETE								21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	D	8	4-520532-3
	OBSOLETE								19.41 [.764]	11.18 [.440]	13.00 [.512]	11.89 [.468]	D	6	4-520532-2
	OBSOLETE								16.87 [.664]	8.74 [.344]	10.46 [.412]	9.35 [.368]	D	4	4-520532-1
	OBSOLETE								32.11 [1.264]	23.88 [.940]	25.70 [1.012]	24.59 [.968]	C	16	3-520532-6
		520853-1	520464-1	520465-1	4.55-5.38 [.179-.212]	520436-1	5.69-6.20 [.224-.244]	520437-1	21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	C	8	3-520532-3
	OBSOLETE								16.87 [.664]	8.74 [.344]	10.46 [.412]	9.35 [.368]	C	4	3-520532-1
	OBSOLETE								32.11 [1.264]	23.88 [.940]	25.70 [1.012]	24.59 [.968]	B	16	2-520532-6
	OBSOLETE								21.95 [.864]	13.72 [.540]	15.54 [.612]	14.43 [.568]	B	8	2-520532-3
	OBSOLETE								19.41 [.764]	11.18 [.440]	13.00 [.512]	11.89 [.468]	B	6	2-520532-2
	OBSOLETE								16.87 [.664]	8.74 [.344]	10.46 [.412]	9.35 [.368]	B	4	2-520532-1
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		BOOT	TOP SHIELD	BOTTOM SHIELD	CABLE OD/FERRULE	CABLE OD/FERRULE		K	J	H	G	KEY I.D. LETTER	NO OF POSN		PART NUMBER

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2 PLC ± -		RESTRICTED TO	DRAWING NO	520532
3 PLC ± -			SCALE	4:1
4 PLC ± -			SHEET	2 OF 2
ANGLES ± -			REV	Y5
MATERIAL		CUSTOMER DRAWING		